

AMENDMENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application.

1. (Currently amended): A method for providing audio access to information through a communication device, comprising the steps of:
receiving an audio request for information;
obtaining the information; and,
executing the obtained information, further comprising generating an intermediary form of the information and caching the intermediary form of the information.
2. (Original): The method of claim 1 wherein the communication device is a cellular telephone.
3. (Original): The method of claim 1 wherein the communication device is a standard telephone.
4. (Original): The method of claim 1 wherein the communication device is a personal digital assistant.
5. (Original): The method of claim 1 further including the step of:
parsing the information subsequent to obtaining the information.
6. (Cancelled):
7. (Original): The method of claim 6 wherein the step of generating includes:
encoding an XML tag in the intermediary form; and,
encoding a tag state in the intermediary form.
8. (Original): The method of claim 6 wherein the step of generating includes:

generating an array representing the information.

9. (Cancelled):

10. (Original): The method of claim 1 further including the step of: determining whether the information is stored in a cache; and wherein the step of obtaining obtains the information from cache.

11. (Original): The method of claim 10 wherein information stored in cache is stored in an intermediary form.

12. (Original): The method of claim 1 further including the steps of: parsing the information subsequent to the step of obtaining; and, generating an intermediary form of the parsed information.

13. (Original): The method of claim 1 wherein the step of executing includes: converting the information into audio; and playing the audio.

14. (Original): The method of claim 1 wherein the step of executing includes: returning an audio prompt.

15. (Withdrawn): A method for maintaining interpreter contexts during a voice browsing session, comprising the steps of:

- (a) creating a first interpreter context for a first document;
- (b) storing the first interpreter context;
- (c) receiving a request for a second document;
- (d) obtaining the second document; and,

repeating steps (a) - (c).

16. (Withdrawn): The method of claim 15 wherein the first interpreter context includes:

an instruction pointer;
a program pointer;
a universal Resource Identifier; and,
document state information.

17. (Withdrawn): The method of claim 15 further including the steps of:
determining whether an interpreter context exists for the second document.

18. (Withdrawn): A voice browser comprising:
a reentrant interpreter maintaining separate contexts of information;
a parser, parsing the information; and,
a compiled document source object generating an intermediary from of the parsed information.

19. (Withdrawn): The voice browser of claim 18 including a cache for storing the intermediary form of the information.

20. (Withdrawn): An apparatus for responding to a Request during a voice browsing session comprising:
a processor;
a processor readable storage medium in communication with the processor, containing processor readable program code for programming the apparatus to:
retrieve a first document responsive to the Request;
create an first interpreter context for the first document, wherein the interpreter context includes a first interpreter context pointer value, a first instruction pointer value, a first state value, and a first tag value;
set a current interpreter context pointer to the first interpreter context value;
set a current instruction pointer to the first instruction pointer value;
set a current state to the first state value; and,
set a current tag to the first tag value.

21. (Withdrawn): The apparatus of claim 20 further including processor readable program code for programming the apparatus to:

check the current state value;

process the first tag value responsive to the value of the current state value.

22. (Withdrawn): The apparatus of claim 20 further including processor readable program code for programming the apparatus to:

determine a Request for a second document;

set the current instruction pointer to a second instruction pointer value; and,

determine whether the second document is in cache;

retrieve the second document.

23. (Withdrawn): The apparatus of claim 22 wherein the second document is not located in cache the apparatus further including processor readable program code for programming the apparatus to:

generate an intermediary form of the second document; and,

execute the intermediary form of the second document.

24. (Withdrawn): The apparatus of claim 23 further including processor readable program code for programming the apparatus to:

store the intermediary form of the second document in cache.

25. (Withdrawn): The apparatus of claim 23 wherein execution includes playing audio representing the second document.

26. (Currently amended): An apparatus for generating an audio response during a voice browsing session, comprising:

a voice browser; and,

a prompt audio object generating audio in response to a request wherein the prompt audio object includes prerecorded audio information and tags uniquely identifying the audio information to the voice browser.

27. (Cancelled):

28. (Currently amended): The apparatus of claim [[27]] 26 wherein the prerecorded audio information is periodically updated.

29. (Cancelled):

30. (Original): The apparatus of claim 29 wherein the tag includes: location information, context information, and device information.

31. (Withdrawn): A system for mapping prompts to prerecorded audio, comprising:
an audio prompt database storing at least one prerecorded audio;
code for generating a file identifying the least one prerecorded audio, wherein the file identifies the prerecorded audio using a unique identification; and,
code for organizing the prerecorded audio file into contexts.